

## Math Courses Offered @EMS

**Math 9 Workplace** – a course for students who struggled through Math 8. Also open to all Math 8 Workplace students.

**Math 9** – a course for students who successfully completed Math 8

**Math 10 Workplace** – a course for students who struggled though Math 9. Also open to all Math 9 Workplace students.

**Math 10 Foundations and Pre-Calculus** – a course for students who successfully completed Math 9. This course is a demanding course with lots of algebra.

**Math 10 Honours** – an honours course for students who successfully completed Math 9 with at least 86%. Also open to all Math 8/9 Accelerated students. Space is limited and only the top 30 students are chosen.

**Math 11 Workplace** – a course for students who struggled through Math 10 Foundations and Pre-Calculus. Also open to all Math 10 Workplace students.

**Math 11 Foundations** – a course for students who successfully completed Math 10 Foundations and Pre-Calculus. Also open to Math 11 Workplace students with teacher recommendations.

**Math 11 Pre-Calculus** - an honours level course that is designed for students who plan on studying math or science or engineering in post-secondary [*a challenging and demanding course*]. Students should have at least a 73% in Math 10 Foundations and Pre-Calculus

**Statistics 11/12 AP** - a course for strong math students in grades 11 and 12 who are planning to pursue studies in math, science, social sciences (i.e. psychology), or business. Students should have at least a 73% in Math 10 Foundations and Pre-Calculus. This is an Advanced Placement course.

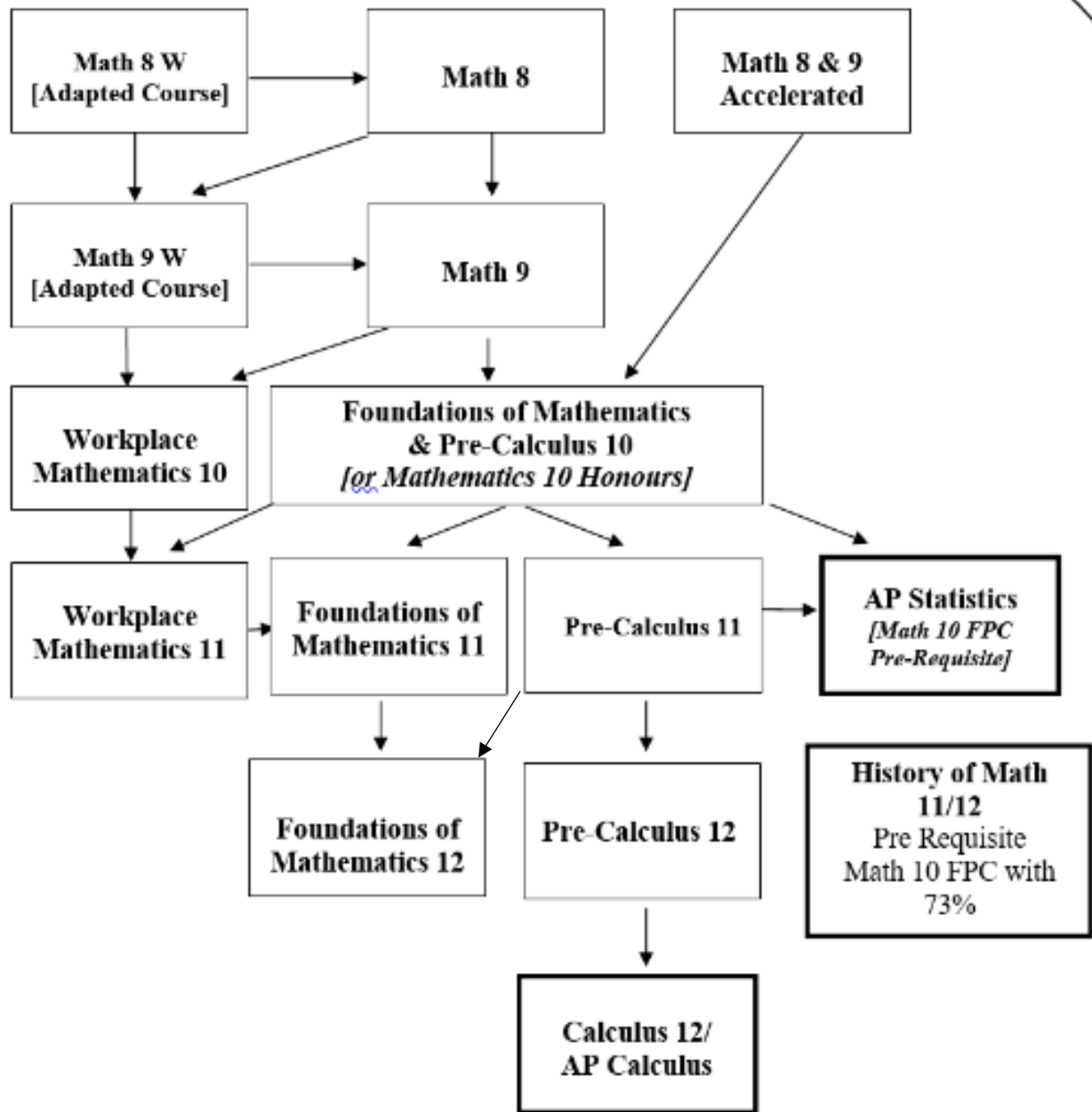
**Math 12 Foundations** – a course for students who successfully completed Math 11 Foundations. Also open to Math 11 Pre-Calculus students. Math 11 Workplace students would need a teacher recommendation to take this course.

**Math 12 Pre-Calculus** – an honours level course that is designed for students who plan on studying math or science or engineering in post-secondary [*a challenging and demanding course*]. Students should have at least 73% in Math 11 Pre-Calculus.

**Calculus 12** – a course designed to help prepared students for university level calculus [*a challenging and demanding course*]. Students should have at least 73% in Math 12 Pre-Calculus. Can take in their grade 12 year with Math 12 Pre-Calculus.

**Calculus 12 AP** – a course for students planning on studying post-secondary programs such as engineering, sciences and business. The course is comparable to calculus courses in colleges and universities. Students who take an AP Calculus course may receive university credit by writing the AP exam held each year in May. Students should have at least 86% in Math 12 Pre-Calculus.

## MATHEMATICS DEPARTMENT COURSES



**Workplace Courses** → For students who struggle with mathematics and do not intend to study at the college or university level (Applicable to some college programs)

**Foundations Courses** → For students who will likely attend a post-secondary program or college/university without a focus on math or science

**Pre-Calculus Courses** → For students who have **strong** mathematical abilities who intend to study math or science, business, or architecture at a post-secondary school